1	2	3	4	5	6	7
Himachal Pradesh . .	77	92	89	87	77	87
Jammu & Kashmir . .	97	71	84	79	74	69
Karnataka . . .	72	67	77	70	79	71
Kerala	34	28	26	27	27	28
Madhya Pradesh . .	123	122	123	112	122	118
Maharashtra . . .	68	68	54	63	73	59
Orissa	137	126	134	110	137	113
Punjab	67	76	62	75	60	66
Rajasthan . . .	107	109	103	111	97	107
Tamil Nadu . . .	80	83	74	86	70	82
Uttar Pradesh . . .	132	153	131	133	126	128
West Bengal . . .	80	67	76	67	73	68
INDIA	96	98	96	97	95	96

Source RGI. SRS 1985, 1986, 1987 (Statement 30)

Use of harmful chemicals in synthetic detergent powers and cakes

381. SHRI RAJUBHAI A. PARMAR: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) what are the harmful chemicals used in the manufacture of synthetic detergent powders and cakes;

(b) whether there is any prescribed/ maximum percentage of there harmful chemicals to be used; and

(c) what action has been taken or is proposed to be taken to protect the interests of the consumers from the ill-effects of harmful chemicals used in excess of the permissible limit in the manufacture of such detergents?

THE MINISTER OF HEALTH AND FAMILY WELFARE (PROF. SHAKEELUR REHMAN): (a) and (b) The chemicals used in the manufacture of synthetic detergent powders and cakes along with their permissible percentages are given in the statement attached (Annexure-I). Since exact chemical composition of various detergent powders and cakes is a trade secret, hence generalization regarding chemical composition of detergents can not be made. Sodium Carbonate, Sodium Hydoxide and acid slurry can cause skin injuries. These are the main ingredients of the commercially available detergent powers. *(See* below)

(c) Consumer protection is brought about by education of the community through consumer protection forums.

Statement

Name of the Chemicals	Percentage
Alkyl Benzene Sulfornate .	14-32%
Foam Booster Lauryl Alcohol	1–2%
Sodium Tri Poly Phosphate	2 45%
Sodium Cabroxy Methyl Cellulose . . .	0·6–1%

Sodium Silicate	5-9%
Sodium Sulfate Carbonate	60-80%
Optical brightner	0.3—0·75%
Sodium Carbonate	15-30%
Perfume oil	0·2%

Demand and production of LAB

382. SHRI RAJUBHAI A. PARMAR: Will the Minister of PETROLEUM AND CHEMICALS be pleased to state:

(a) the quantum of Linear Alkyl Benzene (LAB), a raw material required for the manufacture of synthetic detergents powders and synthetic cakes released during the last five years, year-wise, and

(b) what are the details of the licensed/installed capacity and actual production of LAB during each of these years?

THE MINISTER OF PETROLEUM AND CHEMICALS AND PARLIAMENTARY AFFAIRS (SHRI S. P. MALAVIYA): (a) and (b) The estimated consumption of LAB in the country for the detergent sector during the last 5 years have been as indicated below:

Year	Consumption (In tonnes)
1985-86	71,484
1986-87	80,454
1987-88	1,17,698
1988-89	1,19,160
1989-90	1,40,000

The installed/approved capacity and actual production of LAB during the above years have been as indicated below:

Company	Existing installed Capacity (in tonnes)	Additional Capacity New/ Expantion (in tonnes)
I.P.C.L.	30,000	
Tamil Nadu Petrochemicals Ltd.	60,000	20,000
Reliance Industries Ltd.	60,000	20,000
Hindustan Lever Ltd.	..	80,000
Nirma Pvt. Ltd.	..	80,000
Straw Products Ltd.	..	80,000

Total Installed & Approved Capacity 4,30,000 Tonnes

Production of LAB (In Tonnes)

1985-86	33,489
1986-87	30,454
1987-88	50,698
1988-89	1,19,160
1989-90	1,25,570

Complaints against the personnel Department of DVC

383. SHRI GURUDAS DAS GUPTA: Will the Minister of ENERGY be pleased to state:

(a) whether Government have received any serious complaints against the Personnel Department of DVC recently;

(b) if so, what are the details thereof; and

(c) what action has been taken by Government thereon?

THE MINISTER OF STATE IN THE MINISTRY OF ENERGY (SHRI BABANRAO DHAKNE): (a) to (c) A number of complaints are received against the functioning of the Personnel Department of Damodar Valley Corporation from different sources, in general. On receipt of such complaints enquiry is usually conducted to ascertain the veracity of such allegations, and disciplinary proceedings are initiated against the concerned officials, if necessary.

Admission to MBBS/BDS courses

384. SHRI SYED SIBTEY RAZI: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Central Board of Secondary Education had conducted any Pre-